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PTO/SB/05 (08/00)

Approved for use through 09/30/00, OMB 0651-0032  
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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

25981.711

First Inventor or Application Identifier

Sungwon Ha

Title

Data Transport Acceleration and Management Within a Network  
Communication System

Express Mail Label No.

EL 792628337 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification [Total Pages 51]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed-Sponsored R&D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Detailed Description of the Drawings
  - Detailed Description
  - Claim(s)
4. ☒ Drawing(s) (37 CFR 1.152) [Total Sheets 14]
5. ☒ Oath or Declaration [Total Pages 4]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ Microfiche Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s)) ✓
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS Citations  
Statement (IDS) PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: \_\_\_\_\_

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label 021971 or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

|         |                                  |                |     |                |  |
|---------|----------------------------------|----------------|-----|----------------|--|
| NAME    | Kevin J. Simons                  |                |     |                |  |
|         | Wilson Sonsini Goodrich & Rosati |                |     |                |  |
| ADDRESS |                                  |                |     |                |  |
| CITY    | STATE                            | ZIP CODE       |     |                |  |
| COUNTRY | TELEPHONE                        | (650) 493-9300 | FAX | (650) 493-6811 |  |

|                   |                    |                                   |                  |
|-------------------|--------------------|-----------------------------------|------------------|
| Name (Print/Type) | Kevin J. Simons    | Registration No. (Attorney/Agent) | 45,110           |
| Signature         | <i>[Signature]</i> | Date                              | January 29, 2002 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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**FEE TRANSMITTAL  
for FY 2000***Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.***Complete if Known**

|                        |                  |
|------------------------|------------------|
| Application Number     | NEW              |
| Filing Date            | January 29, 2002 |
| First Named Inventor   | Sungwong Ha      |
| Examiner Name          | Unassigned       |
| Group/Art Unit         | Unassigned       |
| Attorney Docket Number | 25981.711        |

**TOTAL AMOUNT OF PAYMENT** (\$ ) 1,050**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 23-2415 (Docket No. 25981.711)Deposit Account Name Wilson Sonsini Goodrich & Rosati

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR §§ 1.16 and 1.17

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101            | 710             | 201            | 355             | Utility filing fee     | 370      |
| 106            | 320             | 206            | 160             | Design filing fee      |          |
| 107            | 490             | 207            | 245             | Plant filing fee       |          |
| 108            | 710             | 208            | 355             | Reissue filing fee     |          |
| 114            | 150             | 214            | 75              | Provisional filing fee |          |

**SUBTOTAL (1)** (\$ ) 370**2. EXTRA CLAIM FEES**

| Total Claims       | Extra Claims | Fee from below | Fee Paid   |
|--------------------|--------------|----------------|------------|
| 54                 | -20** = 34   | x 9 =          | 306        |
| Independent Claims | 10           | -3** = 7       | x 42 = 294 |
| Multiple Dependent |              |                |            |

\*\*or number previously paid, if greater; For Reissues, see below

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description   |
|----------------|-----------------|----------------|-----------------|---|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                    |
| 102            | 80              | 202            | 40              | Independent claims in excess of 3                         |
| 104            | 270             | 204            | 135             | Multiple dependent claim, if not paid                     |
| 109            | 80              | 209            | 40              | **Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | **Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** (\$ ) 600**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Fee Code      | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|---------------------|-----------------|----------------|-----------------|--|----------|
| 105                 | 130             | 205            | 65              | Surcharge - late filing fee or oath  |          |
| 127                 | 50              | 227            | 25              | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                 | 130             | 139            | 130             | Non-English specification  |          |
| 147                 | 2,520           | 147            | 2,520           | For filing a request for reexamination                                     |          |
| 112                 | 920*            | 112            | 920*            | Requesting publication of SIR prior to Examiner action                     |          |
| 113                 | 1,840*          | 113            | 1,840*          | Requesting publication of SIR after Examiner action                        |          |
| 115                 | 110             | 215            | 55              | Extension for reply within first month                                     |          |
| 116                 | 390             | 216            | 195             | Extension for reply within second month                                    |          |
| 117                 | 890             | 217            | 445             | Extension for reply within third month                                     |          |
| 118                 | 1,390           | 218            | 695             | Extension for reply within fourth month                                    |          |
| 128                 | 1,890           | 228            | 945             | Extension for reply within fifth month                                     |          |
| 119                 | 310             | 219            | 155             | Notice of Appeal   |          |
| 120                 | 310             | 220            | 155             | Filing a brief in support of an appeal                                     |          |
| 121                 | 270             | 221            | 135             | Request for oral hearing   |          |
| 138                 | 1,510           | 138            | 1,510           | Petition to institute a public use proceeding                              |          |
| 140                 | 110             | 240            | 55              | Petition to revive - unavoidable   |          |
| 141                 | 1,240           | 241            | 620             | Petition to revive - unintentional   |          |
| 142                 | 1,240           | 242            | 620             | Utility issue fee (or reissue)   |          |
| 143                 | 440             | 243            | 220             | Design issue fee   |          |
| 144                 | 600             | 244            | 300             | Plant issue fee  |          |
| 122                 | 130             | 122            | 130             | Petitions to the Commissioner  |          |
| 123                 | 50              | 123            | 50              | Petitions related to provisional applications                              |          |
| 126                 | 240             | 126            | 240             | Submission of Information Disclosure Stmt                                  |          |
| 581                 | 40              | 581            | 40              | Recording each patent assignment per property (times number of properties) | 80       |
| 146                 | 710             | 246            | 355             | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 149                 | 710             | 249            | 355             | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| Other fee (specify) |                 |                |                 | 25 Request for Corrected Filing Receipt                                    |          |
| Other fee (specify) |                 |                |                 | 55/110 Terminal Disclaimer   |          |

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ ) 80**SUBMITTED BY**

Complete (if applicable)

|                   |                        |                                   |                  |                     |              |
|-------------------|------------------------|-----------------------------------|------------------|---------------------|--------------|
| Name (Print/Type) | Kevin J. Simons        | Registration No. (Attorney/Agent) | 45,110           | Telephone           | 650-493-9300 |
| Signature         | <i>Kevin J. Simons</i> | Date                              | January 29, 2002 | Customer No. 021971 |              |

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